

111.6 - Refractories (powder form)

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

Concentration are expressed as mass fraction, in %.

SRM	Description	Unit of Issue	Aluminum oxide (Al_2O_3)	Calcium oxide (CaO)	Iron Oxide (Fe_2O_3)**	Lithium oxide (Li_2O)	Loss on Ignition	Magnesium oxide (MgO)	Manganese oxide (MnO)	Phosphorus pentoxide (P_2O_5)	Potassium oxide (K_2O)	Silicon dioxide (SiO_2)	Sodium oxide (Na_2O)	Strontium oxide (SrO)	Titanium dioxide (TiO_2)
76a	Burnt Refractory (Al_2O_3 -40%)	75 g	38.7	0.22	1.60	0.042	(0.34)	0.52		0.120	1.33	54.9	0.07	0.037	2.03
77a	Burnt Refractory (Al_2O_3 -60%)	75 g	60.2	0.05	1.00	0.025	(0.22)	0.38		0.092	0.090	35.0	0.037	0.009	2.66
78a	Burnt Refractory (Al_2O_3 -70%)	75 g	71.7	0.11	1.2	0.12	(0.42)	0.70		1.3	1.22	19.4	0.078	0.25	3.22
198	Silica Brick	45 g	0.16	2.71	0.66	0.001	0.21	0.07	0.008	0.022	0.017		0.012		0.02
199	Silica Brick	45 g	0.48	2.41	0.74	0.002	0.17	0.13	0.007	0.015	0.094		0.015		0.06

*** Information values are provided for additional 71 elements

- Certified values are normal font
- Reference values are italicized
- Values in parentheses are for information only